

ABSTRACT

5 The invention pertains to a method for preparing diphenhydramine tannate by reacting diphenhydramine free base at a temperature of about 75 to about 150°C with tannic acid neat or as an aqueous slurry containing up to about 20 wt.% water. The diphenhydramine free base may be obtained by reacting a commercially available diphenhydramine salt such as diphenhydramine maleate with a base such as aqueous sodium
10 hydroxide. The resultant diphenhydramine tannate has extended release properties and is useful in pharmaceutical compositions as an antihistamine for human beings.